

ABSTRACT OF THE DISCLOSURE

AC module, integrating a solar battery and an inverter, can easily be connected with other plural AC modules in parallel by way of cascade connections.

However, when the number of AC modules connected is improvidently increased, the current flowing through the current path or connector of the AC module exceeds a rated current. In view of this, the current detector detects a current in the collective-power current path of the AC module, and when the detected current value exceeds a value set in the reference current setting circuit, the current detector stops the inverter.